

ABSTRACT OF THE DISCLOSURE

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A system for providing a name space to a computer program, including a document representing a file system for services available on a computer system. The document defines a name space for the services, and is organized as a tree structure having multiple nodes, such as XML nodes. The nodes include at least one directory node representing a system directory, and at least one file node. A system area within the document defines type attributes corresponding the file nodes and the directory nodes, and which distinguish between the file nodes and the directory nodes. The system area further includes access control attributes for the file nodes in the document, and a physical file attribute corresponding to each the file nodes. The physical file attributes define locations of physical files corresponding to the file type nodes, while the access control attributes specify actions permitted using the physical files.

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